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Miscellaneous Publication No. 335

Washington, D. C. April 1939

WORKERS IN SUBJECTS PERTAINING TO AGRICULTURE IN LAND-GRANT COLLEGES AND EXPERIMENT STATIONS

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Organization Lists of the Agricultural Experiment Stations and Agricultural Schools and Colleges in the United States. 1890. (U. S. Dept. Agr., Off. Expt. Stas. Bull. 5.)

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Superseded by List of Workers in Subjects Pertaining to Agriculture and Home Economics in the U. S. Department of Agriculture and the State Agricultural Colleges and Experiment Stations. (Unnumbered series running through 1921–22.)

1914. The 1913 edition corrected to June 1914.
1915. Corrected to August 1, 1915.
1916. None published—corrections brought to January 1917.

List of Workers in Subjects Pertaining to Agriculture and Home Economics. Part 1. United States Department of Agriculture. Part 2. State Agricultural Colleges and Experiment Stations.

1917–18.
1918–19. ["Marketing" added to title for this issue only].
1919–20. Not published.
1920–21.
1921–22.
1922–23. Issued as Misc. Circ. 4 (pt. 1 not published).
1923–24. Issued as Misc. Circ. 17 (pt. 1 not published).

Title changed to "List of Workers in Subjects Pertaining to Agriculture in State Agricultural Colleges and Experiment Stations." 1924–25. Misc. Circ. 34.

Workers in Subjects Pertaining to Agriculture in State Agricultural Colleges and Experiment Stations.

1925–26. Misc. Circ. 58.
1926–27. Misc. Circ. 87.
1927–28. Misc. Pub. 12.
1928–29. Misc. Pub. 43.
1929–30. Misc. Pub. 67.
1930–31. Misc. Pub. 100.
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1932–33. Misc. Pub. 154.
1933–34. Misc. Pub. 180.
1934–35. Misc. Pub. 214.
1935–36. Misc. Pub. 234.

Workers in Subjects Pertaining to Agriculture in Land-Grant Colleges and Experiment Stations.

1936–37. Misc. Pub. 254.
1937–38. Misc. Pub. 299.
1938–39. Misc. Pub. 335.

UNITED STATES
DEPARTMENT OF AGRICULTURE
Miscellaneous Publication No. 335

Washington, D. C. April 1939

WORKERS IN SUBJECTS PERTAINING TO AGRICULTURE IN LAND-GRANT COLLEGES AND EXPERIMENT STATIONS

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KEY TO ABBREVIATIONS

Acct., Accountant, Accounts.
Actg., Acting.
Admin., Administration, Administrative.
Agr., Agriculture, Agriculturist, Agricultural.
Agron., Agronomy, Agronomist.
Agt., Agent.
An., Animal.
Anal., Analytical, Analysis.
Anat., Anatomy.
Arch., Architect, Architecture, Architectural.
Assoc., Associate, Association.
Asst., Assistant.
Bact., Bacteriology, Bacteriologist.
Biochem., Biochemist, Biochemistry, Biochemical.
Biol., Biology, Biologist, Biological.
Bldg., Building(s).
Bot., Botany, Botanist, Botanical.
Brdg., Breeding.
Bull., Bulletin.
Chair., Chairman.
Chem., Chemistry, Chemist, Chemical.
Climat., Climatology, Climatologist.
Coll., College.
Collab., Collaborator, Collaborating.
Comn., Commission.
Comp., Comparative.
Comr., Commissioner.
Conserv., Conservation, Conservationist.
Consult., Consulting, Consultant.
Coop., Cooperation, Cooperative, Cooperator.
Corresp., Correspondence, Correspondent.
Dem., Demonstration, Demonstrator.
Dept., Department.
Dir., Director.
Dist., District.
Div., Division.
Dom., Domestic.
Ecol., Ecology, Ecologist, Ecological.
Econ., Economy, Economic, Economics, Economist.
Ed., Education, Educational.
Engin., Engineer, Engineering.
Ent., Entomology, Entomologist, Entomological.
Equip., Equipment.
Erad., Eradication.
Expt., Experiment, Experimental.
Ext., Extension.
Fert., Fertility, Fertilizer.
Flor., Floriculture, Floriculturist, Floricultural.
For., Forestry, Forester.
Gard., Gardening, Gardener.
Gen., General.
Geog., Geography.
Geol., Geology, Geologist, Geological.
Grad., Graduate.
Histol., Histology, Histologist.
Hon., Honorary.
Hort., Horticulture, Horticulturist, Horticultural.
Husb., Husbandry, Husbandman.
Hyg., Hygiene.
Illus., Illustration, Illustrative.
Indus., Industry, Industrial, Industries.
Inorg., Inorganic.
Insp., Inspection, Inspector.
Instr., Instructor, Instruction.
Insts., Institutes.
Invest., Investigations, Investigational, Investigator.
Irrig., Irrigation, Irrigationist.
Lab., Laboratory.
Landsc., Landscape.
Lect., Lecturer.
Libr., Library, Librarian.
Mach., Machine, Machinery.
Mech., Mechanics, Mechanical.
Med., Medicine, Medical.
Met., Meteorology, Meteorologist.
Mfg., Manufacturing.
Mfrs., Manufactures.
Mgr., Manager.
Mgt., Management.
Microbiol., Microbiology, Microbiologist.
Mktg., Marketing.
Morphol., Morphology, Morphologist.
Mycol., Mycology, Mycologist.
Nutr., Nutrition, Nutritionist.
Oler., Olericulture, Olericulturist.
Org., Organic.
Organ., Organization(s).
Ornith., Ornithology, Ornithologist.
Parasit., Parasitology, Parasitologist.
Path., Pathology, Pathologist, Pathological.
Pedag., Pedagogy, Pedagogics.
Pharm., Pharmacy, Pharmacist, Pharmaceutical.
Pharmacol., Pharmacology, Pharmacologist.
Photog., Photography, Photographer.
Phys., Physics, Physical
Physiol., Physiology, Physiologist, Physiological.
Phytopath., Phytopathology, Phytopathologist, Phytopathological.
P. O., Post Office.
Pomol., Pomology, Pomologist, Pomological.
Pract., Practice, Practical.
Prep., Preparatory.
Pres., President.
Prin., Principal.
Prod., Production.
Prof., Professor.
Pubs., Publications.
Sci., Science, Scientist, Scientific.
Sect., Section.
Secon., Secondary.
Secy., Secretary.
Sociol., Sociology, Sociologist.
Sta., Station.
Subsect., Subsection.
Substa., Substation.
Supt., Superintendent.
Supvr., Supervisor.
Surg., Surgery.
Tech., Technical, Technician.
Technol., Technology, Technologist.
Treas., Treasurer.
Trop., Tropical.
Univ., University.
Veg., Vegetable, Vegetation.
Vet., Veterinary, Veterinarian.
Vit., Viticulture, Viticulturist, Viticultural.
Voc., Vocational.
Zool., Zoology, Zoologist, Zoological.

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A key to the abbreviations used is given on page v.

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‡Lavada Curtis, B. S., *Food Preservation Specialist.*
*Dana K. Gatchell, M. S., *Prof. Home Econ.*
‡Catherine Haynes, B. S., *Clothing and Handicrafts Specialist.*
‡Nell Pickens, M. S., *Home Mgt. Specialist.*
*Mrs. Marion B. Richardson, B. S., *Instr. Home Econ.*
‡Mildred Simon, B. S., *Foods and Nutr. Specialist.*
*Lillian H. Spencer, M. S., *Assoc. Prof. Home Econ.*
*Gertrude Wade, M. A., *Instr. Home Econ.*

Horticulture and Forestry:

*‡L. M. Ware, M. S., *Head of Dept.*
*†C. L. Isbell, Ph. D., *Prof. Hort.; Hort.*
†Ozell Atkins, M. S., *Asst. Hort.* (*Coop. U. S. D. A.*).
*†K. C. Barrons, M. S., *Asst. Prof. and Asst. Plant Breeder.*
‡Lyle Brown, B. S., *Specialist in For.*
‡H. S. Fisher, B. L. A., *Ext. Landsc. Gard.*
*†Hubert Harris, B. S., *Instr. and Asst. Hort.*
†W. A. Johnson, B. S., *Lab. Tech.*
*†E. W. McElwee, M. S., *Asst. Prof. and Asst. Hort.*
‡R. H. Page, Jr., B. S., *Ext. For.*
‡W. A. Ruffin, M. S., *Ext. Hort.*
*†D. J. Weddell, M. S., *Asst. Prof. and Asst. For.*

Special Investigations:

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Veterinary Medicine:

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*†L. E. Starr, D. V. M., Ph. D., *Asst. Dean and Prof. Path.; An. Path.*
*W. E. Cotton, D. V. M., *Assoc. Instr. Vet. Med.*
*J. E. Greene, D. V. M., M. S., *Instr. Anat. and Histol.*
*W. M. Howell, D. V. M., *Asst. Prof. Vet. Med.*
*Miriam Moore, M. S., *Instr. Bact.*
*R. L. Mundhenk, D. V. M., *Prof. Anat. and Histol.*
*M. O. Robinson, D. V. M., *Prof. Bact.*
*J. L. West, D. V. M., *Asst. Prof. Path.*
*E. S. Winters, B. S., D. V. M., *Assoc. Prof. Physiol.*
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Zoology—Entomology:

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*†F. S. Arant, Ph. D., *Assoc. Prof. and Assoc. Ent.*
*†R. O. Christenson, Ph. D., *Assoc. Prof. and Assoc. Zool.-Ent.*
†L. L. English, Ph. D., *Assoc. Ent.* (*P. O., Spring Hill*).
*H. G. Good, Ph. D., *Assoc. Prof. Zool.-Ent.*
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Miscellaneous:

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*†Mary E. Martin, *Libr.*
*†W. H. Weidenbach, B. S., *Executive Secy.*
*†Sara Willeford, B. S., *Agr. Libr.*

Substations:

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K. G. Baker, B. S., *Supt.*
Gulf Coast Substa., *P. O., Fairhope*—
Otto Brown, M. S., *Supt.*
H. F. Yates, B. S., *Asst. Supt.*
Sand Mountain Substa., *P. O. Crossville*—
R. C. Christopher, B. S., *Supt.*
H. A. Ponder, B. S., *Asst. Supt.*
Tennessee Valley Substa., *P. O., Belle Mina*—
Fred Stewart, B. S., *Supt.*
J. K. Boseck, B. S., *Asst. Supt.*
Wiregrass Substa., *P. O., Headland*—
J. P. Wilson, B. S., *Supt.*
C. A. Brogden, B. S., *Asst. Supt.*

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*Mrs. Minnie M. Bray, *Laundering.*
*Nerissa Brown, B. S., *Voc. Home Econ.*
*Addie M. Butler, B. S., *Supvr. Home Econ.*
*R. A. Carter, M. S., *Sci.*
*V. M. Chambers, M. S., *Biol.*
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‡W. T. Gravitt, *Agr. Dem. Agt.*
*Mabel R. Jacobs, B. S., *Home Econ.*
*Lucile A. Love, B. S., *Libr.*
‡Eliza S. Pulley, *Home Dem. Agt.*
*E. J. Thornton, B. S., *Voc. Agr.*
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[1] For subject-matter workers see the respective division; i. e., agronomy and soils, animal industry, etc.

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*G. W. Gasser, B. S., *Prof. Agr.*
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Chemistry:
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Extension (Agr.):
‡L. T. Oldroyd, B. S., *in charge.*
‡Ethel McDonald, M. S., *Home Dem. Leader.*
‡H. F. Estelle, B. S., *Dist. Agr. Agt. (P. O., Matanuska).*

Extension (Agr.)—Continued.
‡Mrs. Florence Syverud, B. S., *Dist. Home Dem. Agt. (P. O., Juneau).*
‡J. Hazel Zimmerman, B. S., *Dist. Home Dem. Agt. (P. O., Matanuska).*

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Matanuska—D. L. Irwin, B. S., *Supt.*
Petersburg—J. B. Loftus, D. V. M., *Supt.*

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Agronomy:
*†I. A. Briggs, M. S., *Actg. Head of Dept.*
†A. T. Bartel, M. S., *Asst. Agron. (Coop. U. S. D. A.).*
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‡R. L. Matlock, Ph. D., *Ext. Agron.*
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*†E. B. Stanley, M. S., *Head of Dept.*
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‡H. R. Baker, M. S., *Boys' and Girls' Club Specialist.*
‡E. M. Mercer, *Rodent Control Specialist (Coop. U. S. D. A.: P. O. Phoenix).*

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*Mildred R. Jensen, M. A., *Asst. Prof. Home Econ.*
*Opal G. Powell, M. S., *Instr. Home Econ.*
*Edith S. Ranney, M. A., *Assoc. Prof. Home Econ.*
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†W. A. Frazier, Ph. D., *Assoc. Hort. (P. O., Phoenix).*
†Karl Harris, M. A. *Assoc. Irrig. Engin. (Coop. U. S. D. A.: P. O., Phoenix).*
†R. T. Hendrixson, M. S., *Asst. Hort. (P. O., Yuma).*
†R. H. Hilgeman, B. S., *Asst. Hort. (P. O., Tempe).*
*†W. E. Martin, Ph. D., *Asst. Prof. and Asst. Hort.*
†J. G. Smith, B. S., *Asst. Hort. (P. O., Tempe).*

Horticulture—Continued

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†C. W. Van Horn, B. S., *Asst. Hort. (P. O., Yuma).*

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†Louise Otis, Ph. D., *Assoc. Nutr. Chem.*

Plant Breeding:

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Plant Pathology:

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*Don Phillips, B. A., *Coll. Editor.*

Substations:

Salt River Valley Expt. Farm, *P. O., Mesa*—
D. C. Aepli, *Supt.*
University Date Garden, *P. O., Tempe*—
R. H. Hilgeman, B. S., *Supt.*
University Farms, *P. O., Tucson*—
C. D. Wilson, M. A., *Supt.*
University Poultry Farm, *P. O., Tucson*—
F. W. Richardson, B. S., *Asst. in charge.*
Yuma Valley and Mesa Farms, *P. O., Yuma*—
G. H. Seamans, *Supt.*

ARKANSAS

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*†T. C. Carlson, B. A., *Treasurer.*

Agronomy:

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*†R. P. Bartholomew, Ph. D., *Assoc. Prof. and Assoc Agron.*
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Agronomy—Continued.

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*†P. L. Kelly, Ph. D., *Asst. Prof. and Asst. in An. Indus. (Dairying).*
‡S. A. Moore, B. S., *Ext. Poultryman.*
‡M. W. Muldrow, B. S., *Ext. An. Husb.*
*†R. M. Smith, M. A., *Instr. and Asst. Poultry Husb.*

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[1] On leave.
[2] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

Bacteriology and Veterinary Science:

——— ———, *Prof. and Head of Dept.*
*L. B. Schweiger, M. S., *Instr. Bact.*

Chemistry (Agr.):

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Economics (Rural) and Sociology:

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‡J. B. Daniels, B. S., *Ext. Econ. in Farm Mgt. (P. O., Little Rock).*
‡A. D. Gates, B. S., *Farm Organ. Specialist (P. O., Little Rock).*
*†O. J. Hall, M. S., *Asst. Prof. and Asst. in Rural Econ. and Sociol.*
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*†W. H. Metzler, Ph. D., *Asst. Prof. and Asst. in Rural Econ. and Sociol.*
*†J. W. Reid, Jr., Ph. D., *Asst. Prof. and Asst. in Rural Econ. and Sociol.*
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‡K. C. Lynch, B. F. A., *Illustrator.*

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*R. W. Roberts, Ph. D., *Assoc. Prof. Agr. Ed.*

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‡E. L. Arnold, M. S., *Ext. Agr. Engin.*
*†Kyle Engler, M. S., *Asst. Prof. and Asst. Agr. Engin.*
*K. H. Hinchcliff, M. S., *Instr. Agr. Engin.*
*†W. C. Hulburt, M. S., *Instr. and Asst. Agr. Engin.*

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‡W. J. Jernigan, B. A., *State Club Agt. (P. O., Little Rock).*
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Forestry—See **Horticulture.**

Home Economics:

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‡Mrs. Ida A. Fenton, B. S., *Ext. Econ., Home Mgt. (P. O., Little Rock).*
*Nadine Harris, M. S., *Asst. in Home Econ.*
‡Sue Marshall, B. S., *Clothing and Household Arts Specialist.*
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Veterinary Science—See **Bacteriology.**

Miscellaneous:

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Fruit and Truck Branch Expt. Sta., *P. O., Hope*—
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[1] For subject-matter workers see the respective division; i. e., agronomy, animal industry, etc.

Substations—Continued.

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H. W. Bitting, M. S., *Coop. Research Supvr.*

Substations—Continued.

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*Annie E. Dowdy, B. S., *Instr. Clothing.*
*Estelle D. Martin, B. S., *Instr. Home Econ.*
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*C. S. Woodard, M. S., *Dir. Voc. Ed., Prof. Agr. Ed.*

CALIFORNIA

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‡T. C. Mayhew, B. S., *Asst. State Leader, Coast Counties.*
‡Claribel Nye, M. A., *Asst. State Home Dem. Leader.*
‡C. W. Rubel, B. S., *Asst. State Leader, Northern Counties.*
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‡W. J. Norton, Ph. C., *Illus. Materials Specialist.*
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Forestry:

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Genetics (Agr.):

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[1] For subject-matter workers see the respective division; i. e., agronomy, animal industry, etc.

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‡A. E. Wilkinson, M. S., *Ext. Specialist in Veg. Gard.*

Physics:
*F. A. Ferguson, A. M., *Prof. Phys.*
*H. W. Hunter, Ph. D., *Instr. Phys.*
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Poultry Husbandry:
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‡G. A. Miles, B. S., *Asst. Ext. Poultryman.*
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Sociology:
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*G. G. Brown, Ph. D., *Instr. Sociol.*
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[1] For subject-matter workers see the respective division; i. e., agronomy, animal diseases, etc.

Sociology—Continued.

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*‡L. B. Crandall, B. S., *Prof. Apiculture and Ext. Apiarist.*
*H. S. Belding, M. A., *Asst. Prof. Zool.*
*J. A. Manter, B. S., *Assoc. Prof. Ent.*

Zoology—Continued.

*D. C. G. MacKay, Ph. D., *Asst. Prof. Zool.*
*D. G. Steele, Ph. D., *Asst. Prof. Genetics.*
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Miscellaneous:

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*‡D. E. Noble, B. S., *Mgr. of Radio Sta.*

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†V. L. Churchill, *Sampling Agt.*
†H. J. Fisher, Ph. D., *Asst. Chem.*
†W. T. Mathis, *Asst. Chem.*
†O. L. Nolan, *Asst. Chem.*
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Entomology:

———, *Ent. in charge (State Ent.).*
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Entomology—Continued.

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†Louise M. Brautlecht, *Libr.*
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Substations:

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†F. H. Hull, Ph. D., *Assoc. Agron.*
†W. A. Leukel, Ph. D., *Agron.*
†G. E. Ritchey, M. S., *Assoc. Agron. (Coop. U. S. D. A.).*
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‡D. F. Sowell, M. S., *Asst. Ext. Poultryman.*
‡E. F. Stanton, *Supvr. Egg-Laying Contest (P. O., Chipley).*
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[2] Courses given in the Women's College.

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*W. R. Carroll, Ph. D., *Assoc. Prof. Bot. and Bact.*

Chemistry (Agr.):

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†R. W. Ruprecht, Ph. D., *Chem. in charge Celery Invest.* (*P. O., Sanford*).
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†R. A. Carrigan, B. S., *Asst. Chem.*
†R. B. French, Ph. D., *Assoc. Chem.*
†L. W. Gaddum, Ph. D., *Biochem.*
†J. R. Henderson, M. S., *Asst. Chem.*
†L. H. Rogers, M. S., *Spectroscopic Analyst.*
†F. B. Smith, Ph. D., *Soil Microbiol.*
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‡D. G. Milby, B. S., *Asst. Ext. Econ., Farm Mgt.*
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†Zach Savage, M. S., *Assoc. Agr. Econ.*
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‡D. E. Timmons, M. S., *Ext. Econ., Mktg.*

Editorial:

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†‡Clyde Beale, A. B. J., *Asst. Editor.*
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Education (Agr.):

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Extension (Admin.):[1]

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‡R. W. Blacklock, A. B., *State Club Leader.*
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Extension (Admin.)—Continued.

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Home Economics:

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†J. C. Cain, B. S., *Asst. Hort.*
†R. D. Dickey, B. S., *Asst. Hort.*
†F. S. Jamison, Ph. D., *Truck Hort.*
†V. F. Nettles, M. S., *Asst. Hort.*
†A. L. Stahl, Ph. D., *Assoc. Hort.*
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Meteorology (Frost Forecasting Service):

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Plant Pathology:

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[1] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

Miscellaneous—Continued.

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Branch Stations:

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J. H. Jefferies, *Supt.*
W. F. Lawless, B. S., *Asst. Hort.*
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W. L. Thompson, B. S., *Assoc. Ent.*
Everglades Expt. Sta., *P. O., Belle Glade*—
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J. R. Beckenbach, Ph. D., *Assoc. Truck Hort.*
F. T. Boyd, Ph. D., *Asst. Agron.*
Thomas Bregger, Ph. D., *Sugarcane Physiol.*
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Branch Stations—Continued

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J. D. Warner, M. S., *Agron.*
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S. J. Lynch, B. S., *Asst. Hort.*
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Editorial—See **Journalism.**

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Engineering (Agr.)—Continued.
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†E. V. Collins, B. S., *Research Prof. Agr. Engin.*
*R. K. Frevert, B. S., *Instr. Agr. Engin.*
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Entomology—See **Zoology.**

Extension (Admin.): [1]
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‡Murl McDonald, B. S., *Asst. Dir.* (*County Agt. Leader*).
‡P. C. Taff, B. S., *Asst. Dir.* (*State Club Leader*).
‡Mrs. Sarah P. Ellis, B. S., *State Home Dem. Leader.*
‡Mrs. Edith P. Barker, *in charge Girls' Club Work.*
‡Florence Forbes, B. S., *Agt. in Club Work.*
‡W. L. Harper, *Secy.*
‡Mrs. Lucile Cochran, *Asst. State Home Dem. Leader.*
‡Mrs. N. May Larson, B. S., *Asst. State Home Dem. Leader.*
‡Lillian Lewis, B. S., *Asst. State Home Dem. Leader.*
‡Ella G. Loughran, B. S., *Agt. in Club Work.*
‡J. S. Quist, B. S., *Asst. State Club Leader.*
‡F. P. Reed, LL. B., *Asst. State Club Leader.*
‡F. F. Clark, B. S., *Dist. Ext. Agt.*
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[1] For subject-matter workers see the respective division; i. e., agronomy, animal and dairy husbandry, etc.

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[1] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

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Extension (Admin.):[1]

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‡A. G. Kettunen, B. S., *State Club Leader.*
‡C. V. Ballard, B. S., *County Agt Leader.*
‡M. H. Avery, B. S., *Asst. State Club Leader.*
‡Alice O. Bates, B. S., *Asst. State Club Leader.*
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‡Beatrice C. Boyle, B. S., *Asst. State Club Leader.*
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‡Nevels Pearson, B. S., *Asst. State Club Leader.*
‡C. A. Rood, B. S., *Asst. State Club Leader (P. O., Marquette).*
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[1] For subject-matter workers see the respective division; i. e., animal husbandry, botany and plant pathology, etc.
[2] On leave.

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Walter Toenjes, M. S., *Supt.*
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Substations—Continued.

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Extension (Admin.):[1]

‡E. H. White, B. S., *in charge.*
‡May Creswell, A. B., *State Home Dem. Agt.*
‡Elaine E. Massey, *State Girls' Club Agt.*
‡J. E. Tanner, *State Boys' Club Agt.*
‡Blanche Good, B. S., *Asst. State Girls' Club Agt.*
‡Maxine Naugher, B. S., *Asst. State Girls' Club Agt.*
‡Olive Dowell, B. S., *Dist. Home Dem. Agt.*

Extension (Admin.)—Continued.

‡Addie Hester, M. S., *Dist. Home Dem. Agt.*
‡Mrs. Emma Lindsey, *Dist. Home Dem. Agt.*
‡Sallie S. Swann, A. B., *Dist. Home Dem. Agt.*
‡M. M. Bedenbaugh, B. S., *Dist. Boys' Club Agt.*
‡R. M. Lancaster, B. S., *Dist. Boys' Club Agt.*
‡W. H. Elliott, B. S., *Admin. Asst.*
‡W. C. Mims, B. S., *Dist. Agt.*
‡M. S. Shaw, *Dist. Agt.*
‡C. C. Smith, B. S., *Dist. Agt.*
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*†E. G. Roberts, B. S. F., M. F., *Actg. Head of Dept.*
*†F. J. Czabator, M. S., *Instr. and Asst. in For.*
‡J. B. Toler, *Ext. For.*

Geology:

*P. H. Dunn, Ph. D., *Prof. Geol.*

Home Economics:

†Dorothy Dickins, Ph. D., *Head of Dept.*
‡Mary E. Doney, *Food Preservation Specialist.*
‡Lorraine Ford, B. S., *Home Mgt. Specialist.*
‡May E. Haddon, M. A., *Nutr. Specialist.*
‡Ouida Midkiff, A. B., *Clothing Specialist.*
†Olive A. Sheets, M. S., *Assoc. in Home Econ.*
†Melle V. Ward, M. S., *Asst. Chem. in Home Econ.*

Horticulture:

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†W. S. Anderson, M. S., *Assoc. in Hort.*
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‡Eva E. Legett, *Asst. Ext. Poultry Husb.*
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Veterinary Science:

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[1] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.
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[1] This institution gives the academic title to all employees.
[2] On leave.

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‡J. D. Monin, Jr., B. S., *State Ext. Agt.*
‡Julia M. Rocheford, Pe. P., *State Ext. Agt.*
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‡F. E. Rogers, B. S., *State Ext. Agt.*

Field Crops:

*†W. C. Etheridge, Ph. D., *Prof. and Chair. of Dept.*
*†E. M. Brown, Ph. D., *Asst. Prof. Field Crops (Coop. U. S. D. A.).*
‡J. R. Fleetwood, A. M., *Ext. Assoc. Prof. Field Crops.*
†Clara Fuhr, M. S., *Seed Analyst (Coop. U. S. D. A.).*
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*†B. M. King, A. M., *Asst. Prof. Field Crops (Coop. U. S. D. A.).*
†J. G. O'Mara, Ph. D., *Research Assoc. in Field Crops (Coop. U. S. D. A.).*
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*†J. M. Poehlman, Ph. D., *Instr. Field Crops (Coop. U. S. D. A.).*
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†Luther Smith, Ph. D., *Research Assoc. in Field Crops (Coop. U. S. D. A.).*
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Geology:

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*M. G. Mehl, Ph. D., *Assoc. Prof. Geol.*
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‡Freida M. Bennett, M. S., *Ext. Asst. Prof. Home Econ.*
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‡Flora L. Carl, M. A., *Ext. Asst. Prof. Home Econ. (Nutr.).*
‡I. Fra Clark, A. M., *Ext. Asst. Prof. Home Econ. (Home Mgt.).*
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*†Jessie V. Coles, Ph. D., *Assoc. Prof. Home Econ.*
‡Madonna Fitzgerald, M. A., *Ext. Asst. Prof. Home Econ. (Home Mgt.).*
‡Ruth Foster, M. A., *Ext. Asst. Prof. Home Econ. (Nutr.).*

[1] For subject-matter workers see the respective division: i. e., animal husbandry, botany, etc.

Home Economics—Continued.

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*†H. F. Major, B. S., *Assoc. Prof. Landsc. Gard.*
‡W. R. Martin, Jr., B. S., *Ext. Asst. Prof. Hort.*
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*†H. G. Swartwout, M. A., *Asst. Prof. Hort.*
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Physics:

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[1] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

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[1] For subject-matter workers see the respective division; i. e., agriculture, animal husbandry, etc.

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[1] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.
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[1] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

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[1] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

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A. P. Lefevers, *Foreman.*
Bryan Harris, *Herdsman.*
Coastal Plain Branch Sta., *P. O., Willard*—
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[1] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

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[1] See also experiment station staff.

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*Grace R. Beckwith, B. S., *Instr. Home Econ.*
‡Edith Berry, B. A., *Clothing Specialist.*
‡Anne P. Biebricher, B. S., *Home Mgt. Specialist.*
*Ruth A. Blanshan, M. S., *Instr. Home Econ.*
‡Edna M. Callahan, M. A., *Clothing Specialist.*
*Daisy Davis, M. A., *Asst. Prof. Home Econ.*
*Lucille Elliott, B. S., *Instr. Home Econ.*
‡Alma L. Garvin, M. A., *Nutr. Specialist.*
‡Mrs. Mary E. Gerlaugh, M. A., *Child Development Specialist.*
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*Dorothy Patnales, B. S., *Instr. Home Econ.*
*Lillian Peek, A. M., *Asst. Prof. Home Econ.*
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*‡L. C. Chadwick, Ph. D., *Assoc. Prof. and Specialist in Flor.*[1]
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*F. S. Howlett, Ph. D., *Assoc. Prof. Hort.*[1]
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[1] See also experiment station staff.
[2] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

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Agronomy—Continued.

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†L. J. Alexander, Ph. D., *Assoc. Plant Path.*

[1] See also experiment station staff.

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†C. F. Monroe, M. S., *Assoc. in Dairy Chem.*
†A. E. Perkins, M. S., *Assoc. in Dairy Indus.*
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†L. C. Chadwick, Ph. D., *Assoc. in Hort.* (*P. O., Columbus*).
†N. F. Childers, Ph. D., *Assoc. in Hort.* (*P. O., Columbus*).
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†A. L. Havis, Ph. D., *Asst. Hort.*
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Northwestern Expt. Farm, *P. O., Holgate*—W. C. Trumphour, *Supt.* (*Coop. U. S. D. A.*).
Southeastern Expt. Farm, *P. O., Carpenter*—Elza McCall, *Supt.*
Southwestern Expt. Farm, *P. O., Germantown*—H. M. Wachter, *Supt.*
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Clermont County Expt. Farm, *P. O., Batavia*—H. S. Elliot, *Supt.*
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E. S. Degman, Ph. D., *Assoc. Pomol. (Coop. U. S. D. A.).*
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Sherman Branch Expt. Sta., *P. O., Moro*—
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[1] For subject-matter workers see the respective division: i. e., animal industries, etc.
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Southern Oreg. Branch Expt. Sta., *P. O., Talent*—
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Branch Stations—Continued.

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Umatilla Branch Expt. Sta., *P. O., Hermiston*—
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[1] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

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Economics (Agr.):
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†Santiago Diaz Pacheco, B. B. A., *Asst. Econ.*
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†Emilio del Toro, Jr., M. S., *Asst. Econ.*

Engineering (Agr.):
†M. L. Vicente, C. E., M. E., *Engin.*

Entomology:
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Genetics:
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Phytopathology:
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Phytotechnics:
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†Enrique Molinary Salés, B. S., *Agron.-Hort.*
†Juan Pastor Rodríguez, B. S., *Asst. Agron.*
†Pedro Richardson Kuntz, B. S., *Agron.*

Soils:
†Juan Amedée Bonnet, M. S., *Head of Dept.*
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Substations—Continued.

Isabela Substa., *P. O., Isabela*—Con.
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F. J. Juliá, B. S., *Asst. Agron.*
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Economics—Continued.

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[1] For subject-matter workers see the respective division; i. e., agricultural science, animal industry, etc.

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†H. L. Fulmer, Ph. D., *Assoc. Rural Sociol.*
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‡G. E. Prince, B. S., *Chief Div. of Mktg. (Coop. U. S. D. A.: P. O., Columbia).*
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*W. E. Johnson, B. S., *Asst. Prof. Agr. Ed. (P. O., Seneca).*
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[1] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.
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Substations—Continued.

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[1] On leave.
[2] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

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[1] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

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*J. S. Mogford, M. S., *Prof. Agron.*
*R. C. Potts, B. S., *Asst. Prof. Agron.*
†H. E. Rea, B. S., *Agron.* (*Cotton Root Rot Invest.*).
†D. A. Reid, M. S., *Agron.* (*Wheat Invest.: P. O., Amarillo*).
†T. R. Richmond, M. S., *Asst. Agron.* (*Coop. U. S. D. A.*).
†J. E. Roberts, B. S., *Supt. Main Sta. Agron. Farm.*
*L. M. Thompson, B. S., *Instr. Agron.*
*D. W. Thorne, Ph. D., *Assoc. Prof. Agron.*

Animal Industry:

†J. M. Jones, A. M., *Chief Div. of Range An. Husb.* (*Sheep and Goat Invest.*).
*D. W. Williams, M. S., *Head Prof. An. Husb.*
*D. H. Reid, M. S., *Head Prof. Poultry Husb.*
*C. N. Shepardson, M. S., *Head Prof. Dairy Husb.*
†Fred Hale, M. S., *Chief Div. of Swine Husb.*
†R. M. Sherwood, M. S., *Chief Div. of Poultry Husb.*
‡G. W. Barnes, B. S., *Ext. An. Husb.*
†O. C. Copeland, M. S., *Dairy Husb.*
†J. R. Couch, M. S., *Poultry Husb.*
*F. I. Dahlberg, M. S., *Asst. Prof. An. Husb.*
*A. L. Darnell, M. A., *Prof. Dairy Husb.*
†S. P. Davis, *Wool and Mohair Invest.*
‡E. R. Eudaly, B. S., *Ext. Dairyman.*
*T. R. Freeman, Ph. D., *Instr. Dairy Husb.*
‡G. G. Gibson, M. S., *Ext. Asst. Dairyman.*
†F. E. Hanson, M. S., *Assoc. in Dairy Mfg.*
†L. E. James, B. S., *Asst. Poultry Husb.*
†J. H. Jones, B. S., *An. Husb.*
*A. K. Mackey, M. S., *Prof. An. Husb.*
‡W. V. Maddox, M. S., *Specialist in Dairy Mfg.*
‡G. P. McCarthy, B. S., *Ext. Poultry Husb.*
†C. W. McMath, Ph. D., *Nutr.*
*V. H. Melass, Ph. D., *Instr. An. Husb.*
*L. A. Miller, M. S., *Instr. An. Husb.*

Animal Industry—Continued.

*A. V. Moore, M. S., *Assoc. Prof. Dairy Husb*
*C. E. Murphey, M. A., *Asst. Prof. An. Husb*
‡W. R. Nisbet, B. S., *Ext. An. Husb.*
*E. D. Parnell, M. S., *Actg. Prof. Poultry Husb.*
*P. B. Pearson, Ph. D., *Prof. An. Husb. in charge An. Nutr.*
‡E. M. Regenbrecht, M. S., *Ext. Swine Husb.*
*N. G. Schuessler, B. S., *Assoc. Prof. An. Husb.*
*R. J. von Roeder, Jr., B. S., *Instr. An. Husb.*
†B. L. Warwick, Ph. D., *An. Husb. (Brdg. Invest.).*

Biology:

*C. C. Doak, Ph. D., *Head Prof. Biol.*
*O. M. Ball, Ph. D., *Curator of Museum.*
*T. W. Bretz, Ph. D., *Instr. Biol.*
*Weldon Brewster, Ph. D., *Actg. Instr. Biol.*
*S. O. Brown, Ph. D., *Instr. Biol.*
*E. H. Gibbons, S. M., *Asst. Prof. Biol.*
*S. H. Hopkins, Ph. D., *Asst. Prof. Biol.*
*Charles LaMotte, Ph. D., *Assoc. Prof. Biol.*
*O. A. Leonard, Ph. D., *Instr. Biol.*
*R. G. Reeves, Ph. D., *Prof. Biol.*
*A. L. Schipper, Ph. D., *Instr. Biol.*
*P. J. Talley, Ph. D., *Asst. Prof. Biol.*

Chemistry:

†G. S. Fraps, Ph. D., *Chief of Div. (State Chem.).*
*C. C. Hedges, Ph. D., *Head Prof. Chem. and Chem. Engin.*
†S. E. Asbury, M. S., *Asst. State Chem.*
*F. F. Bishop, M. S., *Assoc. Prof. Indus. Chem.*
*H. R. Brayton, M. S., *Prof. Inorg. Chem.*
*R. W. Bremner, Ph. D., *Instr. Chem.*
†E. C. Carlyle, M. S., *Assoc. Chem.*
*R. A. Eads, M. S., *Instr. Chem.*
†J. F. Fudge, Ph. D., *Chem.*
†Mrs. Velma Graham, *Analyst.*
†S. M. Greenberg, B. S., *Asst. Chem.*
*M. T. Harrington, M. S., *Asst. Prof. Chem.*
*F. W. Jensen, Ph. D., *Prof. Chem.*
*B. C. Jones, M. S., *Asst. Prof. Chem.*
†J. L. Kelch, B. S., *Asst. Chem.*
†A. R. Kemmerer, Ph. D., *Chem.*
*L. A. Koening, B. A., *Asst. Prof. Chem.*
†P. F. Macy, Ph. D., *Assoc. Chem. (Cotton Root Rot Invest.).*
†W. W. Meinke, B. S., *Asst. Chem.*
*E. B. Middleton, Ph. D., *Assoc. Prof. Chem.*
†T. L. Ogier, B. S., *Assoc. State Chem.*
†F. C. Pack, B. S., *Asst. Chem.*
*W. M. Potts, Ph. D., *Prof. Biochem.*
†Joseph Semb, Ph. D., *Assoc. Chem. (Loco Weed Research).*
*F. M. Smith, Ph. D., *Instr. Chem.*
†G. L. Smith, B. S., *Asst. Chem.*
*R. E. Snuggs, M. S., *Instr. Chem.*
†A. J. Sterges, M. S., *Asst. Chem.*
‡M. K. Thornton, Jr., A. M., *Ext. Agr. Chem.*
†Ray Treichler, M. S., *Asst. Chem.*
†W. H. Walker, *Analyst.*

Economics (Agr.):

†L. P. Gabbard, M. S., *Chief Div. Farm and Ranch Econ.*
*J. W. Barger, M. S., C. L. U., *Head Prof. Agr. Econ.*
*T. W. Leland, M. A., C. P. A., *Head Prof. Accounting and Statistics.*
*F. H. Arnold, Ph. D., *Assoc. Prof. Agr. Econ.*

Economics (Agr.)—Continued.

†C. A. Bonnen, M. S., *Farm Mgt. Specialist.*
‡C. E. Bowles, B. S., *Coop. Mktg. Specialist.*
†H. C. Bradshaw, M. A., *Econ. in Farm Taxation.*
*T. D. Cherry, B. S., *Instr. Agr. Econ.*
†P. H. Czarowitz, A. B., *Asst. in Farm and Ranch Records.*
*R. M. Denhardt, M. A., *Instr. Agr. Econ.*
*H. A. Dulan, M. B. A., *Instr. Accounting and Statistics.*
‡P. G. Haines, B. S., *Ext. Agr. Econ. in Organ.*
†C. H. Hamilton, Ph. D., *Econ. (Rural Life).*
*T. R. Hamilton, Ph. D., *Prof. Accounting and Statistics.*
*Lester Hanks, B. S., M. B. A., *Asst. Prof. Agr. Econ.*
*R. L. Hunt, Ph. D., *Prof. Agr. Econ.*
*P. W. Kimball, M. S., *Instr. Agr. Econ.*
*A. S. T. Lund, Ph. D., *Instr. Agr. Econ.*
†A. C. Magee, M. S., *Econ. in Farm Mgt.*
‡W. E. Morgan, M. S., *Ext. Econ. in Agr. Planning.*
*L. S. Paine, M. A., *Assoc. Prof. Agr. Econ.*
†W. E. Paulson, Ph. D., *Mktg. Specialist.*
‡C. B. Ray, M. S., *Asst. in Program Planning.*
*G. W. Schlesselman, Ph. D., *Prof. Agr. Econ.*
*W. M. Simpson, B. S., *Asst. Prof. Accounting and Statistics.*
*S. M. Stubbs, B. S., *Instr. Accounting and Statistics.*
‡T. R. Timm, M. S., *Ext. Econ. in Farm Mgt.*
*O. A. Weinke, M. S., *Assoc. Prof. Accounting and Statistics.*
‡J. R. Wenmohs, B. S., *Asst. in Program Planning.*

Editorial—See **Publications.**

Education (Agr.):

*E. R. Alexander,[1] M. S., *Head Prof. Agr. Ed.*
*L. H. Henderson, B. S., *Assoc. Prof. Agr. Ed.*
*J. M. Orchard, M. S., *Asst. Prof. Agr. Ed.*
*Henry Ross, M. S., *Prof. Agr. Ed. and Actg. Head of Dept.*
*W. R. Sherrill, B. S., *Asst. Prof. Agr. Ed.*

Engineering (Agr.):

†H. P. Smith, M. S., *Chief of Div.*
*Daniels Scoates, B. S., A. E., *Head Prof. Agr. Engin.*
‡M. R. Bentley, B. S., *Ext. Agr. Engin.*
*Donald Christy, M. S., *Asst. Prof. Agr. Engin.*
‡Cesar Hohn, M. S., *Specialist in Soil and Water Conserv.*
*F. R. Jones, M. S., *Prof. Agr. Engin.*
‡F. E. Lichte, M. S., *Cotton Gin Specialist.*
*C. E. Peach, M. S., *Instr. Agr. Engin.*
*M. F. Thurmond, M. S., *Assoc. Prof. Agr. Engin.*

Entomology:

†F. L. Thomas, Ph. D., *Chief of Div. (State Ent.).*
*S. W. Bilsing, Ph. D., *Head Prof. Ent.*
†H. B. Parks, B. S., *Chief Div. of Apiculture (P. O., San Antonio).*
†A. H. Alex, B. S., *Queen Breeder (P. O., San Antonio).*

[1] On leave.

Entomology—Continued.

†C. J. Burgin, B. S., *Foulbrood Insp.*
†A. J. Chapman, B. S., *Assoc. Ent.* (*Coop. U. S. D. A.: P. O., Presidio*).
†R. K. Fletcher, Ph. D., *Ent.*
†J. C. Gaines, Jr., Ph. D., *Ent.*
†C. E. Heard, B. S., *Chief Foulbrood Insp.*
‡R. B. Hickerson, *Dist. Field Asst. in Rodent Control.*
†M. J. Janes, Ph. D., *Ent.* (*P. O., Alta Loma*).
*H. G. Johnston, Ph. D., *Assoc. Prof. Ent.*
†S. E. Jones, M. S., *Ent.* (*P. O., Winter Haven*).
*V. A. Little, M. S., *Prof. Ent.*
†Henry Menusan, Jr., Ph. D., *Ent.*
†R. W. Moreland, B. S., *Asst. Ent.* (*Coop. U. S. D. A.*).
†W. L. Owen, Jr., M. S., *Ent.* (*P. O., Terrell*).
†H. J. Reinhard, B. S., *Ent.*
‡R. R. Reppert, B. S., *Ext. Ent.*
†J. N. Roney,[1] M. S., *Ent.* (*P. O., Dickinson*).
†G. A. Russell, Pharm. G., B. S., *Agt.* (*Coop U. S. D. A.*).
*J. H. Sikes, M. S., *Instr. Ent.*

Extension (Admin.):[2]

‡H. H. Williamson, B. S., *in charge.*
‡Jack Shelton, B. S., *Vice Dir. and State Agt.*
‡Mildred F. Horton, *Vice Dir. and State Home Dem. Agt.*
‡G. E. Adams, *Asst. State Agt.*
‡Bess Edwards, B. S., *Asst. State Home Dem. Agt.*
‡Onah Jacks, B. S., *State Girls' Club Agt.*
‡L. L. Johnson, *State Boys' Club Agt.*
‡J. W. Potts, B. S., *Asst. State Boys' Club Agt.*
‡R. W. Snyder, M. S., *Supvr. Specialists' Work.*
‡D. L. Weddington, *Executive Asst.*
‡E. N. Holmgreen, B. S., *Admin. Officer, Agr. Conserv. Program.*
‡B. F. Vance, B. S., *Asst. Admin. Officer, Agr. Conserv. Program.*
‡Beulah Blackwell, B. S., *Dist. Agt.*
‡Bennie Campbell, *Dist. Agt.*
‡Lida Cooper, *Dist. Agt.*
‡K. J. Edwards, B. S., *Dist. Agt.*
‡W. I. Glass, *Dist. Agt.*
‡Minnie M. Grubbs, *Dist. Agt.*
‡P. D. Hanna, B. S., *Dist. Agt.*
‡Maurine Hearn, B. S., *Dist. Agt.*
‡Kate A. Hill, B. S., *Dist. Agt.*
‡G. W. Johnson, *Dist. Agt.*
‡E. C. Martin, B. S., *Dist. Agt.*
‡Ruby Mashburn, B. S., *Dist. Agt.*
‡Zetha McInnis, B. S., *Dist. Agt.*
‡R. S. Miller, B. S., *Dist. Agt.*
‡Vida Moore, B. S., *Dist. Agt.*
‡Myrtle Murray, *Dist. Agt.*
‡G. W. Orms, *Dist. Agt.*
‡M. T. Payne, *Dist. Agt.*
‡J. D. Prewit, B. S., *Dist. Agt.*
‡J. A. Scofield, B. S., *Dist. Agt.*
‡Mae B. Smith, *Dist. Agt.*
‡Ruth Thompson, B. S., *Dist. Agt.*
‡O. G. Tumlinson, B. S., *Dist. Agt.*
‡T. B. Wood, *Dist. Agt.*

Feed Control Service:

†F. D. Fuller, M. S., *Chief.*
†James Sullivan, *Asst. Chief.*
†J. K. Francklow, *Insp.*
†K. L. Kirkland, B. S., *Insp.*

Feed Control Service—Continued.

†P. A. Moore, *Insp.*
†S. D. Pearce, *Secy.*
†S. D. Reynolds, Jr., *Insp.*
†J. H. Rogers, *Insp.*
†R. A. Turck, *Insp.*
†H. G. Wickes, B. S., D. V. M., *Insp.*
†E. J. Wilson, B. S., *Insp.*

Forestry:[3]

*E. O. Siecke, B. A., B. S. F., *Dir. and State For.*
*D. A. Anderson, B. S. F., *Asst. For.* (*P. O., Lufkin*).
*R. F. Balthis, B. S. F., M. S., *Regional For.* (*P. O., Kirbyville*).
*M. E. Brashears, B. S. F., *Dist. For.* (*P. O., Rusk*).
*J. O. Burnside, B. S. F., *Asst. For.* (*P. O., Lufkin*).
*S. L. Frost, B. S. F., M. A., *Asst. For.*
*C. H. Hebert, B. S. F., *Dist. For.* (*P. O., Marshall*).
*I. H. Jones, B. S. F., *Chief Div. of For. Mgt.*
*B. Koontz, B. S. F., *Asst. For.*
*Chris Nelson, Jr., B. S. F., *Asst. in For. Research.*
*P. W. Schoen, B. S. F., *Chief Div. of For. Research.*
‡C. W. Simmons, M. F., *Ext. Farm For.* (*Coop. State For.*).
*W. E. White, B. S., *Chief Div. For. Protection* (*P. O., Lufkin*).
*Don Young, M. F., *Asst. For.* (*P. O., Lufkin*).

Genetics:

*E. P. Humbert, Ph. D., *Head Prof. Genetics.*
*C. B. Godbey, M. S., *Prof. Genetics.*
*L. N. Hazel, M. S., *Genetics.*
*J. H. Quisenberry, Ph. D., *Assoc. Prof. Genetics.*

Geology:

*C. L. Baker, M. A., *Head Prof. Geol.*
*C. S. Bacon, Jr., Ph. D., *Asst. Prof. Geol.*
*F. A. Burt, M. S., *Prof. Geol.*
*S. S. Goldich, Ph. D., *Asst. Prof. Geol.*
*J. F. Smith, Jr., M. A., *Actg. Instr. Geol.*
*L. D. Toulmin, Jr., M. A., *Instr. Geol.*
*F. E. Turner, Ph. D., *Assoc. Prof. Geol.*

Home Economics:

†Jessie Whitacre, Ph. D., *Chief Div. of Rural Home Research.*
‡Mrs. Dora R. Barnes, M. S., *Clothing Specialist.*
‡Mrs. Maggie W. Barry, M. A., *Ext. Adviser, Rural Organ. Work.*
‡Louise Bryant, B. S., *Home Mgt. Specialist.*
‡Jennie Camp, B. A., *Home Prod. Planning Specialist.*
‡Mrs. Isla M. Chapman, B. S., *Home Indus. Specialist.*
‡Mrs. Bernice Claytor, B. S., *Home Improvement Specialist.*
†Sylvia Cover, Ph. D., *Food Specialist.*
‡Nora E. Elliott, B. S., *Food Preparation Specialist.*
†Mary A. Grimes, M. S., *Textiles and Clothing Specialist.*
‡Dosca Hale, M. S., *Parent Ed. and Child Development Specialist.*
‡Grace I. Neely, M. A., *Food Preservation Specialist.*
‡Helen H. Swift, B. S., *Ext. Sociol.* (*Rural Women's Organ.*).

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[1] On leave.
[2] For subject-matter workers see the respective division; i. e., agronomy, animal industry, etc.
[3] Texas Forest Service.

Horticulture:

†S. H. Yarnell, Sc. D., *Chief of Div.*
*G. W. Adriance, Ph. D., *Head Prof. Hort.*
*F. W. Hensel, Jr., M. S., *Head Prof. Landsc. Art.*
*S. B. Apple, Jr., M. S., *Instr. Hort.*
*F. R. Brison, M. S., *Prof. Hort.*
†W. S. Flory, Jr., Ph. D., *Hort.*
‡Sadie Hatfield, M. A., *Ext. Landsc. Gard.*
*W. R. Horsley, B. S. F., *Asst. Prof. Landsc. Art.*
*N. M. McGinnis, B. S., *Prof. Landsc. Art.*
†U. A. Randolph, B. S., *Hort.* (*Grape Invest.: P. O., Montague*).
‡J. F. Rosborough, B. S., *Ext. Hort.*
†R. E. Wright, M. S., *Hort.* (*Sweet Potato Invest.: P. O., Gilmer*).

Plant Pathology and Physiology:

†A. A. Dunlap, Ph. D., *Chief of Div.*
†G. E. Altstatt, M. S., *Plant Path.*
†L. M. Blank, Ph. D., *Assoc. Plant Path.* (*Coop. U. S. D. A.*).
†W. N. Ezekiel, Ph. D., *Plant Path.*
†G. A. Greathouse, Ph. D., *Assoc. Plant Physiol.* (*Coop. U. S. D. A.*).
†A. L. Harrison, Ph. D., *Plant Path.* (*Tomato Disease Invest.: P. O., Yoakum*).
†N. E. Rigler, Ph. D., *Plant Physiol.*
†G. M. Watkins,[1] Ph. D., *Plant Path.*
†P. A. Young, Ph. D., *Plant Path., Tomato Disease Lab.* (*P. O., Jacksonville*).

Publications:

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‡Mrs. Minnie F. Cunningham, Ph., G., *Ext. Editor.*
‡L. J. Franke, B. S., *Ext. Asst. Editor.*

Sociology (Rural):

*Daniel Russell, M. A., *Head Prof. Rural Sociol.*
*John Ashton, Ph. D., *Assoc. Prof. Rural Sociol.*
*D. R. Davis, M. S., *Instr. Rural Sociol.*

Soil Survey:

†W. T. Carter, B. S., *Chief of Div.* (*Coop. U. S. D. A.*).
†J. W. Huckabee, Jr., B. S., *Soil Surveyor* (*P. O., Carrizo Springs*).
†I. C. Mowery, B. S., *Soil Surveyor* (*P. O., Brownwood*).
†H. M. Smith, B. S., *Soil Surveyor* (*Coop. U. S. D. A.: P. O., Carrizo Springs*).
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Veterinary Science:

†H. Schmidt, D. V. M., *Chief of Div.*
*R. P. Marsteller, D. V. M., *Prof. Vet. Med. and Surg., Dean School of Vet. Med.*
*P. W. Burns, B. S., D. V. M., *Head Prof. Vet. Physiol. and Pharmacol.*
*R. C. Dunn, D. V. M., *Head Prof. Vet. Path.*
*F. P. Jaggi, Jr., B. S., D. V. M., *Head Prof. Vet. Hyg.*
*T. S. Leith, D. V. M., *Head Prof. Vet. Anat.*
*A. A. Lenert, B. S., D. V. M., *Head Prof. Vet. Med. and Surg.*
*H. L. Van Volkenberg, D. V. M., M. S., *Head Prof. Vet. Parasit.*
*G. T. Edds, D. V. M., M. S., *Instr. Vet. Physiol. and Pharmacol.*
*J. R. Ketchersid, B. S., D. V. M., *Instr. Vet. Med. and Surg.*

Veterinary Science—Continued.

*S. W. Lange, D. V. M., *Asst. Prof. Vet. Anat.*
†F. P. Mathews, D. V. M., Ph. D., *Vet. in charge Loco Invest. Lab.* (*Coop. U. S. D. A.: P. O., Alpine*).
*J. A. McCurdy, B. S., D. V. M., *Instr. Vet. Anat.*
*J. H. Milliff, M. S., D. V. M., *Asst. Prof. Vet. Path.*
*H. I. Ott, B. S., D. V. M., *Instr. Vet. Physiol. and Pharmacol.*
†P. L. Piercy, D. V. M., *Vet.*
*H. M. Spangler, D. V. M., *Instr. Vet. Med. and Surg.*
†R. D. Turk, D. V. M., *Vet.*

Wild Game:

*†W. P. Taylor, Ph. D., *Head Prof. and Chief of Div.* (*Coop. U. S. D. A.*).
‡R. E. Callender, *Game Mgt. Specialist.*
*W. B. Davis, Ph. D., *Prof. Wild Game.*
†Valgene Lehmann, B. S., *Field Biol.* (*Coop. U. S. D. A.*).

Miscellaneous:

†Howard Berry, B. S., *Tech. Asst.*
‡Mrs. Lilla G. Bryan, *Ext. Libr.*
†Chester Higgs, *Executive Asst.*
†M. P. Holleman, *Chief Clerk.*
*T. F. Mayo, Ph. D., *Libr.*
†Mrs. Clarice M. Turner, B. A., *Secy.*

Substations:

Angleton (No. 3)—
R. H. Stansel, M. S., *Supt.*
H. M. Reed, B. S., *Hort.*
Balmorhea (No. 9)—
J. J. Bayles, B. S., *Supt.*
Beaumont (No. 4)—
R. H. Wyche, B. S., *Supt.*
H. M. Beachell, M. S., *Asst. Agron.* (*Rice Prod. and Brdg.: Coop. U. S. D. A.*).
A. L. Martin, Ph. D., *Plant Physiol.* (*Rice Invest.*).
Beeville (No. 1)—
R. A. Hall, B. S., *Supt.*
E. M. Neal, B. S., *An. Husb.*
Chillicothe (No. 12)—
J. R. Quinby, M. S., *Supt.* (*Coop. U. S. D. A.*).
J. C. Stephens, M. A., *Assoc. Agron.* (*Coop. U. S. D. A.*).
College Station (No. 10)—
R. M. Sherwood, M. S., *An. Husb. in charge.*
L. J. McCall, *Farm Supt.*
Denton (No. 6)—
P. B. Dunkle, M. S., *Supt.*
I. M. Atkins, B. S., *Asst. Agron.* (*Wheat and Oat Prod. and Brdg.: Coop. U. S. D. A.*).
Iowa Park (No. 16)—
L. E. Brooks, B. S., *Supt.*
B. S. Pickett, M. S., *Hort.*
Lubbock (No. 8)—
D. L. Jones, *Supt.*
Frank Gaines, *Irrig. and For. Nurseryman.*
Nacogdoches (No. 11)—
H. F. Morris, M. S., *Supt.*
Sonora (No. 14)—
W. H. Dameron, B. S., *Supt.*
O. G. Babcock, B. S., *Asst. Ent.* (*Coop. U. S. D. A.*).
I. B. Boughton, D. V. M., *Vet.* (*Sheep and Goat Disease Invest.*).
O. L. Carpenter, *Shepherd.*
V. L. Cory, M. S., *Range Bot.*
W. T. Hardy, D. V. M., *Vet.*
Spur (No. 7)—
R. E. Dickson, B. S., *Supt.* (*Coop. U. S. D. A.*).
C. E. Fisher, M. S., *Asst. Soil Conserv.* (*Coop. U. S. D. A.*).

[1] On leave.

Substations—Continued.

Spur (No. 7)—Continued.
B. C. Langley, M. S., *Agron.* (*Coop. U. S. D. A.*).
Temple (No. 5)—
C. H. McDowell, M. S., *Supt.* (*Coop. U. S. D. A.*).
H. O. Hill, B. S., C. E., *Soil Conserv.* (*Coop. U. S. D. A.*).
C. H. Rogers, Ph. D., *Plant Path.* (*Root Rot Invest.*).
Tyler (No. 2)—
P. R. Johnson, M. S., *Supt.*
J. C. Archer, *Agt.*
E. W. Lyle, Ph. D., *Plant Path.* (*Rose Disease Invest.*).
J. B. Pope, M. S., *Soil Conserv. Research* (*Coop. U. S. D. A.*).
J. C. Ratsek, Ph. D., *Hort.* (*Rose Disease Invest.*).

Substations—Continued.

Tyler (No. 2)—Continued.
O. C. Word, B. S., *Assoc. Agr. Engin.* (*Coop. U. S. D. A.*).
Weslaco (No. 15)—
W. H. Friend, B. S., *Supt.*
G. H. Godfrey, Ph. D., *Plant Path.*
J. L. Heid, B. S., *Chem.* (*Citrus Products Lab.: Coop. U. S. D. A.*).
T. B. Randolph, B. S., *Ent.*
J. F. Wood, B. S., *Hort.*
Winter Haven (No. 19)—
E. Mortensen, B. S., *Supt.*
L. R. Hawthorn, M. S., *Hort.* (*Coop. U. S. D. A.*).
S. S. Ivanoff, Ph. D., *Plant Path.*
Lufkin Pasture Investigation Laboratory, *P. O., Lufkin*—
E. K. Crouch, B. S., *Agron. in charge.*

Prairie View State Normal and Industrial College, *Prairie View*

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*L. A. Potts, M. S., *Dir. Div. of Agr. Prof. Rural Ed.*

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*Essie J. Anderson, A. M., *Assoc. Prof. Child Care.*
*O. J. Baker, M. L. S., *Libr.*
*C. H. Banks, B. S., *Itinerant Teacher Trainer.*
*Arretta Carter, M. S., *Assoc. Prof. Clothing.*
*J. M. Coruthers, Ph. D., *Prof. Agron.*
‡H. S. Estelle, B. S., *Asst. State Leader in Ext. Work.*
*E. B. Evans, D. V. M., *Assoc. Prof. Vet. Med. and Asst. Dir. of Agr.*
*C. A. Harrison, B. S., *Instr. Rural Engin.*
*W. R. Harrison, M. S., *Asst. Prof. Rural Econ.*
*Elizabeth C. May, M. S., *Dir. Div. of Home Econ.*
*E. M. Norris, Ph. D., *Prof. Rural Ed.*
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*Mrs. Geneva C. Peters, M. S., *Assoc. Prof. Foods and Nutr.*
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*G. L. Smith, B. S., *Instr. Fruit Growing.*
*Louisa M. Taylor, B. S., *Itinerant Teacher Trainer.*
*W. P. Terrell, B. S., *Itinerant Teacher Trainer* (*Trades and Indus.*).
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†J. W. Carlson, M. S., *Assoc. Agron.* (*Coop. U. S. D. A.*).
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†D. S. Jennings, Ph. D., *Assoc. Agron.*
†Wesley Keller, M. S., *Assoc. Agron.* (*Coop. U. S. D. A.*).
†D. F. McAlister, Ph. D., *Asst. Agron.* (*Coop. U. S. D. A.*).
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†D. L. Sargent, M. S., *Asst. Agron.*[1]
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Agronomy and Soils—Continued.

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*†A. A. Anderson, M. S., *Instr. and Asst. Bact.*
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*R. S. Snell, Ph. D., *Asst. Prof. Bot.*
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*†‡G. B. Caine, M. A., *Prof. Dairy Husb.; Dairy Husb.*
†G. Q. Bateman, B. S., *Asst. Dairy Husb. and Supt. Dairy Expt. Farm (Coop. U. S. D. A.).*
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Engineering—Continued.
*†E. M. Stock, B. S., *Instr. and Asst. Irrig. Engin.*[2]

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*William Peterson, B. S., *Prof. Geol.*
*W. A. Rice, B. A., *Instr. Geol.*

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*†Willard Gardner, Ph. D., *Prof. Phys.; Physicist.*

---

[1] On leave.
[2] In cooperation with Branch Agricultural College, Cedar City.
[3] For subject-matter workers see the respective division; i. e., agronomy and soils, animal husbandry, etc.

Physics—Continued.

*Don Kirkham, Ph. D., *Instr. Phys.*
*L. H. Linford, Ph. D., *Asst. Prof. Phys.*

Poultry Husbandry:

*†‡Byron Alder, B. S., *Prof. Poultry Husb.; Poultryman.*
‡C. G. Davis, *Asst. Ext. Poultryman.*
*‡Carl Frischknecht, M. S., *Asst. Prof. and Asst. Ext. Poultryman.*

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*†D. E. Madsen, D. V. M., *Prof. Vet. Sci.; An. Path.*
*H. J. Frederick, D. V. M., *Prof. Vet. Sci.*
†W. H. Krull, Ph. D., *Parasit.* (*Coop. U. S. D. A.*).

Zoology and Entomology:

*†W. W. Henderson, Ph. D., *Prof. Zool. and Ent.; Ent.*

Zoology and Entomology—Continued.

†H. E. Dorst, M. A., *Asst. Ent.* (*Coop. U. S. D. A.*).
*D. M. Hammond, Ph. D., *Instr. Zool.*
†G. F. Knowlton, Ph. D., *Assoc. Ent.*
†C. J. Sorenson, M. S., *Assoc. Ent.*
*J. S. Stanford, Ph. D., *Asst. Prof. Zool. and Ent.*

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*L. H. Kirkpatrick, M. A., *in charge Libr.*
‡N. P. Olsen, B. S., *Ext. Secy.*

Substations:

Davis County Substa., *P. O., Farmington* ——— ——— *Supt.*
Nephi Dry-land Substa., *P. O., Nephi*—A. F. Bracken, M. S., *Supt.*

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‡J. E. Carrigan, M. A., *Dir. Agr. Ext. Service.*
*†G. P. Burns, Ph. D., *Asst. Dean Coll. of Agr., Asst. Dir. of Sta.*

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†A. R. Midgley, Ph. D., *Agron.*
*†‡D. E. Dunklee, M. S., *Instr. and Asst. Agron.*
*‡P. R. Miller, M. S., *Prof. and Ext. Agron.*

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*†H. B. Ellenberger, Ph. D., *Prof. An. and Dairy Husb.; An. and Dairy Husb.*
†O. M. Camburn, M. S., *Assoc. An. and Dairy Husb.*
*†M. H. Campbell, Ph. D., *Prof. Dairy Prod.; Assoc. An. and Dairy Husb.*
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‡D. C. Henderson, M. S., *Ext. Poultryman.*
*†E. O. Herreid, Ph. D., *Assoc. Prof. and Asst. in Dairy Mfg.*
†E. A. Keyes, M. S., *Asst. An. and Dairy Husb.*
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Botany and Plant Pathology:

*†G. P. Burns, Ph. D., *Prof. Bot.; Bot.*
*†B. F. Lutman, Ph. D., *Prof. Plant Path.; Plant Path.*
*†W. R. Adams, Jr., Ph. D., *Assoc. Prof. and Asst. Bot.*
*E. J. Dole, Ph. D., *Assoc. Prof. Bot.*
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†E. F. Boyce, B. S., *Asst. Chem.* (*Regulatory*).
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Chemistry—Continued.

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†J. D. Erit, M. S., *Asst. Chem.*
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†T. M. Adams, M. S., *Asst. Agr. Econ.*
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[1] For subject-matter workers see the respective division; i. e., agronomy, animal industry, etc.

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*Alida B. Fairbanks, A. M., *Asst. Prof. Home Econ.*
*Doris F. Lake, A. M., *Assoc. Prof. Home Econ.*
*Helen R. LeBaron, A. M., *Instr. Home Econ.*
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‡J. R. Hutcheson, M. S., D. Sc., *Dir. of Agr. Ext. Div.*
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†H. C. Porter, B. S., *Asst. Agron.*
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Animal Industry:

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*†C. W. Holdaway, M. S., *Prof. Dairy Husb.; Dairy Husb.*
*E. J. Albert, *Supt. Poultry Plant.*
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†A. M. Woodside, M. S., *Asst. Ent. (P. O., Staunton).*

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†W. E. Garnett, Ph. D., *Rural Sociol.*
‡K. N. Ellis, *Ext. Asst. Agr. Econ. (P. O., Petersburg).*

Economics (Agr.) and Rural Sociology—Continued.

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*L. B. Tate, Ph. D., *Assoc. Prof. Rural Sociol.*
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*A. T. Lewark, M. S., *Instr. Agr. Ed.*
*C. E. Richard, B. S., *Instr. Agr. Ed.*
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[1] For subject-matter workers see the respective division; i. e., agronomy, animal industry, etc.
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Entomology—See **Zoology.**

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*Leila W. Hunt, A. M., *Prof. and Head Div. of Foods and Nutr.*
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[1] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.
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Editorial—See Publications.

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†Edwin Gould, B. S., *Assoc. Ent. (Coop. U. S. D. A.: P. O., Kearneysville).*
†E. O. Hamstead, M. S., *Asst. in Ent. (Coop. U. S. D. A.: P. O., Kearneysville).*

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‡R. H. Gist, B. S., *State Agt.*
‡C. H. Hartley, B. S., *State Club Leader.*
‡Gladys M. Scranage, B. S., *State Girls' Club Agt.*
‡Gertrude Humphreys, A. B., *State Home Dem. Agt.*
‡I. B. Boggs, *State Boys' Club Agt.*
‡Anna M. Boggs, A. B., *Dist. Home Dem. Agt.*
‡W. H. Roberts, B. S., *Dist. Agt.*
‡C. E. Stockdale, M. S., *State Executive Officer.*

Forestry:

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‡E. W. Beatty, B. S., *Asst. Ext. For.*
*Lowell Besley, B. S., M. F., *Assoc. Prof. For. Mgt.*
*M. G. Brooks, M. S., *Asst. Prof. Recreational For.*
*H. D. Erickson, Ph. D., *Asst. Prof. For. Utilization.*
*Torkel Holsoe, M. S. F., *Asst. Prof. Silviculture.*
*†W. C. Percival, Ph. D., *Assoc. Prof. and Assoc. For.*
‡R. B. Smith, M. S., *Ext. For.*

Home Economics:

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*Beth M. Palmer, M. S., *Asst. Prof. Home Econ.*
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*†E. P. Brasher, M. S., *Instr. and Asst. in Hort.*
*†W. H. Childs, M. S., *Instr. and Asst. in Hort.*
‡Dee Crane, *Potato Specialist.*
*†W. H. Duis, M. S., *Instr. and Asst. in Hort.*
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[1] For subject-matter workers see the respective division; i. e., agronomy and genetics, animal husbandry, etc.
[2] On leave.

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†Noble Clark, M. S., *Assoc. Dir. of Sta.*
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Animal Husbandry—Continued.

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Bacteriology (Agr.):

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[1] This institution gives the academic title to all staff members.

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*E. L. Byers, M. S., *Asst. in Dairy Indus.*
†Fred Feutz, B. S., *Instr. Dairy Indus. (Coop. U. S. D. A.; P. O., Monroe).*
††D. D. Nusbaum, B. S., *Asst. in Dairy Indus.*
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‡J. L. Sammis, Ph. D., *Ext. Assoc. Prof. Dairy Indus.*
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*†H. H. Sommer, Ph. D., *Prof. Dairy Indus.*
*†L. C. Thomsen, B. S., *Assoc. Prof. Dairy Indus.*
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*††Celia M. Blasezyk, B. A., *Asst. in Agr. Econ.*
††Elsie R. DeNoyer, B. S., *Asst. in Agr. Econ.*
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‡A. O. Follett, B. S., *Ext. Asst. Prof. Agr. Econ.*
*††R. K. Froker, M. S., *Assoc. Prof. Agr. Econ.*
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Economics (Agr.)—Continued.

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*††W. P. Mortenson, Ph. D., *Assoc. Prof. Agr. Econ.*
*†K. H. Parsons, B. A., *Asst. Prof. Agr. Econ.*
*M. C. Riley, LL. B., *Lect. in Agr. Econ.*
‡W. A. Rowlands, B. S., *Ext. Assoc. Prof. Agr. Econ.*
*†M. A. Schaars, Ph. D., *Assoc. Prof. Agr. Econ.*
*††Adele R. Toepfer, B. A., *Asst. in Agr. Econ.*
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Editorial—See **Journalism.**

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*V. E. Kivlin, M. S., *Prof. Agr. Ed.*
*H. J. Morrissey, B. S., *Instr. Agr. Ed.*

Engineering (Agr.):

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*†H. D. Bruhn, M. S., *Instr. Agr. Engin.*
*†R. C. Fischer, B. S., *Asst. in Agr. Engin.*
‡M. J. LaRock, B. S., *Ext. Asst. Prof. Agr. Engin.*
‡F. B. Trenk, M. S., *Ext. Assoc. Prof. Agr. Engin. (For.).*
*††J. W. Waterman, *Asst. in Agr. Engin.*
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‡O. R. Zeasman, B. S., *Ext. Assoc. Prof. Agr. Engin.*

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†C. W. Schaefer, Ph. D., *Instr. Econ. Ent.*
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Extension (Admin.):[1]

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‡Blanche L. Lee, M. A., *State Home Dem. Leader.*

[1] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

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‡A. M. Mucks, B. S., *Coordinator in Agr. Ext.*
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‡W. A. Rowlands, B. S., *Asst. County Agt. Leader.*
‡Grace L. Rowntree, B. S., *Asst. State Club Leader.*
‡B. F. Rusy, B. S., *Asst. State Leader Agr. Ext.*
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†‡O. B. Combs, M. S., *Asst. in Hort.*
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‡M. R. Haag, B. S., *Ext. Asst. in Agr. Journalism.*
‡Mrs. Alice W. Hantke, M. S., *Ext. Asst. in Agr. Journalism.*
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Poultry Husbandry:

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Poultry Husbandry—Continued.

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Washakie County Expt. Farm, *P. O. Worland*—C. W. Roath, M. S., *Supt.*

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[1] On leave.
[2] Courses given in Division of Letters and Science.
[3] For subject-matter workers see the respective division; i. e., agronomy and economics (agr.), animal production, etc.

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Vandiver, J. L., 97a.
Van Dyke, E. C., 8b.
Van Es, L., 61b.
Van Haltern, F., 19a.
Van Horn, C. W., 4b.
VanLandingham, A. H., 110b.
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Van Meter, R. A., 47a.
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Vaughn, E. C., 38b.
Vaughn, R. H., 9b.
Vaux, C. H., 41a.
Vawter, L. R., 64b.
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Veale, P. T., 26a.
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Vollmer, B. V., 49a.
Volz, E. C., 32b.
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Voris, L., 88b.
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Wachter, H. M., 82b.
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Wadleigh, C. B., 65a.
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Walker, Mrs. D. D., 94b.
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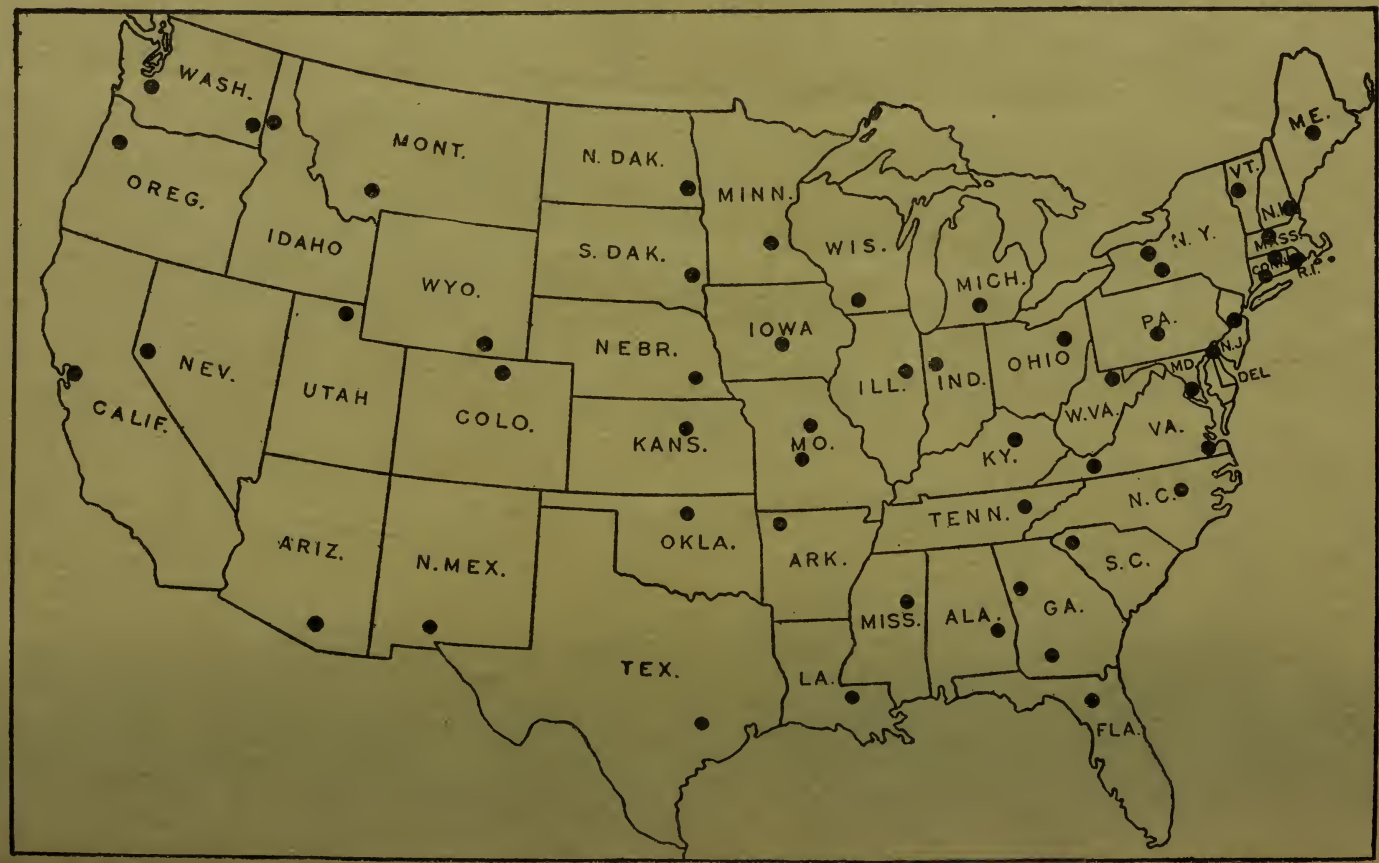

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